IN THE UNION STATES PATENT AND TRADEM OFFICE OFFICE REQUEST FOR FILING NATIONAL PATENT APPLICATION

<u>Under 35 USC 111(a) and Rule 53(b)</u>

Hon. Commissioner of Patents Washington, D.C. 20231 WITH SIGNED DECLARATION

PATENT APPLICATION







Sir: Herewith is the PATENT APPLICATION of Inventor(s): DINGS Title MANAGEMENT OF FILE EXTENT MAPPING TO HASTEN MIRROR BREAKING IN FILE LEVEL MIRRORED BACKUPS Atty. Dkt.: 280213 including: Date: December 28, 2001 1.Specification: pages (only spec. and claims) 2. Specification in non-English language □ Facsimile/Copy 3. Declaration 12 numbered claims Original 1 page(s): 4.

✓ Drawings: 8 sheet(s) informal; formal of size: □ A4 5भा See top first page re prior Provisional, National or International application(s). ("X" box only if info is there and do not complete item 6 or 7). (Prior M# This application claims benefit of the following prior US application(s), the contents of which are incorporated into this application by this reference: filed filed filed No. PCT Which designated the US and that International Application was was not published under PCT Article 21(2) in English [♣]7. ☐ See the attached Preliminary Amendment, which amends the specification to claim benefit of the above listed US application(s) 8. Attached is an assignment and cover sheet. Please return the recorded assignment to the undersigned. 9. Assignee (optional): Address 10. FOREIGN priority is claimed under 35 USC 119(a)-(d)/365(b) based on filing in 11. (country) Application No. Filing Date Application No. Filing Date (1) (2) (3)(4) (6)(8)See 3rd page for additional priorties (9) previously filed (date) (No.) Certified copy (copies): attached; 12. in U.S. Application No. filed on Small entity status is **not** claimed: is claimed (**Pre**-filing confirmation required) 13. (No.) Small Entity Statement(s) (since 9/8/00 small entity statement(s) not essential to make claim) 13(a). Attached: 13(b). See NONPUBLICATION REQUEST under Rule 213(a) attached (Pat-258)

14. <u>DOMESTIC/INTERNATIONAL</u> priority is claimed under 35 USC 119(e)/120/365(c) based on the following provisional, nonprovisional and/or PCT international application(s):

Application No.	Filing Date	Application No.	Filing Date	
(1)		(4)		
(2)		(5)		
(3)		(6)		

(3)			(0)			
15. This application is being filed under Rule 53(b)(2) since an inventor is named in the enclosed Declaration who was not named in the prior application. 16. Attached:						
17. Preliminary Amendment:						
THE FOLLOW! O THE FOLLOW!	ING FILING FEE	IS BASED ON	CLAIMS AS FILI	ED LESS ANY ABOVE	CANCELLED	
				Large/Small Entity		Fee Code
18 Basic Filing Fee				\$740/\$370	\$740	101/201
19. Total Effective Claims	12	minus 20 =	*0	x \$18/\$9 =	+ 0	103/203
20.∺Independent Claims	1	minus 3 =	*0	x \$84/\$42 =	+ 0	102/202
*If answer is zero or less, enter "0"						
2 fany proper multiple dependent claim (ignore improper) is present, add + \$280/\$140 + 0 (Leave this line blank if this is a reissue application)					104/204	
22. TOTAL FILING FEE ENCLOSED				= \$740		
23. If "non-English" box 2 is X'd, add Rule 17(k) processing fee + \$13			+ \$130	+ 0	139	
24. If "assignment" box 8 is X'd, add recording fee			+ \$40	+ 40	581	
25. Attached is a Petition/Fee under Rule No. + \$130				+ 0	122	
26. TOTAL FEE ENCLOSED =				= \$780		

Our Deposit Account No. 03-3975						
Our Order No.	0280213					
	C#	M#				



CHARGE STATEMENT: The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficient fee only) now or hereafter relative to this application and the resulting Official document under Rule 20, or credit any overpayment, to our Account/Order Nos. shown above for which purpose a duplicate copy of this sheet is attached.

This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal form is filed.

Pillsbury Winthrop LLP Intellectual Property Group

	By Atty:	Anthony L. Miele	Reg. No.	34393
	Sig:		フ 7	Fax: (703) 905-2500
Atty/Sec: ALM/sdm			<i>C.</i> "	Tel: (703) 905-2146

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of:

Inventor(s):	DINGS	Atty Dkt:	23501	/ 280213			
			C#	M#			
Filed: Herewith		NOTE: Re	equest will NOT	be honored by PTO			
		if filed late	er than the applic	ation.			
Title:	MANAGEMENT OF FILE EXTENT MAPPING TO HASTEN MIRROR BREAKING IN FILE LEVEL MIRRORED BACKUPS	MUST be	filed with the ap	plication initially.			
	NONPUBLICATION REQUEST UNDER RULE 213(a)						
The a	ttached new application is NOT TO	BE PUBL	ISHED under 3	5 U.S.C. §122(b).			
I here	by certify that the invention disclos	ed in the att	ached new applic	cation has not been			
and will not l	be the subject of an application filed	l in another	country, or under	r a multilateral			
international	agreement, that requires publication	n at eighteen	months after fil	ing.			
. This i	request is signed in compliance with	the provisi	ons of Rule 33(b) by the signature(s)			
in one of the	three columns below.						
Respectfully Submitted,							
Pillsbury Winthrop LLP							
Inventor(Assignee(s) of R						

	111 CILCI(5)		losed Assignment		
Sig:			EMC CORP.	By Atty.:	Anthony L. Miele
Name:	Thomas L. DINGS			Reg. No.:	34393
Date:	12/28/01				
		Ву		Sig:	
Sig:	•	Name:		Date:	12/28/01
Name:		Title:		Tel.:	(703) 905-2146
Date:		Date		Fax:	(703) 905-2500
Sig:		Assignee:			
Name:					
Date:					
		Ву			
		Name:			
		Title:			
		Date			